

INFORMATION DISCLOSURE CITATION

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Docket Number (Optional)

RD29180-2

Application Number

10/063,398

Applicant(s)

John B. Reitz, et al.

Filing Date

April 18, 2002

Group Art Unit

1762

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
Kcj	1	3,730,760	05/01/1973	A. A. Machmiller	—	—	11/26/1971
Kcj	2	5,837,319	11/17/1998	Walters, et al.	427	240	06/28/1996
Kcj	3	US 6,183,810 B1	02/06/2001	Ota	427	240	01/18/1999

FOREIGN PATENT DOCUMENTS

	REF	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
							YES	NO
Kcj	4	WO 98/57757	23.12.1998	International	—	—		✓
Kcj	5	WO 98/22541	28.05.1998	International	—	—		✓
Kcj	6	EP 0643334 A1	15.03.1995	Europe	—	—		✓
Kcj	7	GB 2141637 A	03.01.1985	United Kingdom	—	—		✓

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

Kcj	8	International Search Report; International Application No.: PCT/US02/12132; International Filing Date: 18/04/2002; Date of Mailing: 17/02/2004; 9 pages

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Kirsten Golley

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U.S. PATENT DOCUMENTS

*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
KCJ	1	5,902,172	05/11/99	Utashiro (Abstract)	—	—	
	2	5,900,126	05/04/99	Nelson, et al. (Abstract)	—	—	
	3	5,897,578	03/09/99	Chung, et al. (Abstract)	—	—	
	4	5,874,376	02/23/99	Taguchi, et al. (Abstract)	—	—	
	5	5,871,654	02/16/99	Mannami, et al. (Abstract)	—	—	
	6	5,868,953	02/09/99	Maekawa, et al. (Abstract)	—	—	
	7	5,866,489	02/02/99	Yamaguchi (Abstract)	—	—	
	8	5,855,951	01/05/99	Nelson, et al. (Abstract)	—	—	
	9	5,846,280	12/08/98	Speit (Abstract)	—	—	
✓	10	5,831,309	11/03/98	Englisch, et al. (Abstract)	—	—	
KCJ	11	5,811,182	09/22/98	Weir, et al. (Abstract)	—	—	

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
KCJ	12	JP 09237437 /	09/09/1997	Japan	—	—	✓	
KCJ	13	JP 63205817 /	25/08/1988	Japan	—	—		✓
KCJ		JP 6012715 ✓	21/01/1994	Japan	—	—		✓
KCJ		JP 6150419	31/05/1994	Japan	—	—		✓
KCJ		JP 6158281	07/06/1994	Japan	—	—		✓

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

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Kirsten Jolley

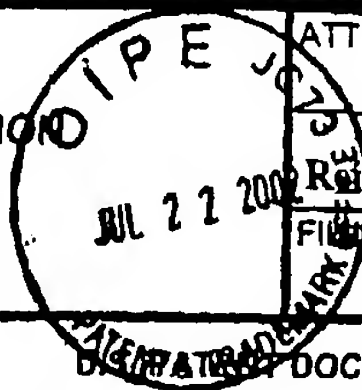
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DISCLOSURE DOCUMENTS

*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
KCJ	14	5,800,895	09/01/98	Vygovsky, et al. (Abstract)	—	—	
	15	5,726,108	03/10/98	Taguchi, et al. (Abstract)	—	—	
	16	5,707,705	01/13/98	Nelson, et al. (Abstract)	—	—	
	17	5,691,256	11/25/97	Taguchi, et al. (Abstract)	—	—	
	18	5,681,635	10/28/97	Nelson, et al. (Abstract)	—	—	
	19	5,663,016	09/02/97	Hong (Abstract)	—	—	
	20	5,635,269	06/03/97	Weir, et al. (Abstract)	—	—	
	21	5,629,417	05/13/97	Campbell, et al. (Abstract)	—	—	
	22	5,626,935	05/06/97	Goto, et al. (Abstract)	—	—	
✓	23	5,626,920	05/06/97	Weir, et al. (Abstract)	—	—	
KCJ	24	5,622,816	04/22/97	Maenza, et al. (Abstract)	—	—	

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
KCJ		JP 6162583 ✓	25/05/1994	Japan	—	—		✓
KCJ		JP 6309714	04/11/1994	Japan	—	—		✓
KCJ		JP 6021316	28/01/1994	Japan	—	—		✓
KCJ		JP 6187683	08/07/1994	Japan	—	—		✓
KCJ		JP 6020316	28/01/1994	Japan	—	—		✓

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

EXAMINER

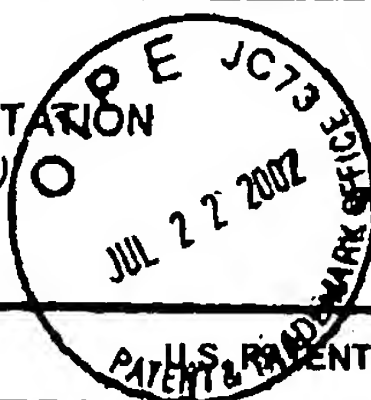
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EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
Kcj	25	5,567,217	10/22/96	Goto, et al. (Abstract)	1	1	
	26	5,561,089	10/01/96	Ishizaki, et al. (Abstract)	1	1	
	27	5,536,549	07/16/96	Nelson, et al. (Abstract)	1	1	
	28	5,516,899	05/14/96	Campbell, et al. (Abstract)	1	1	
	29	5,510,164	04/23/96	Best, et al. (Abstract)	1	1	
	30	5,469,312	11/21/95	Watanabe, et al. (Abstract)	1	1	
	31	5,468,324	11/21/95	Hong (Abstract)	1	1	
	32	5,453,961	09/26/95	Brazas (Abstract)	1	1	
	33	5,441,788	08/15/95	Bloomquist, et al. (Abstract)	1	1	
✓	34	5,437,887	08/01/95	Yarkosky, et al. (Abstract)	1	1	
Kcj	35	5,400,317	03/21/95	Strasser, et al. (Abstract)	1	1	

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
Kcj		JP 6004916	22/12/1993	Japan	1	1		✓
Kcj		JP 6004908	14/01/1994	Japan	1	1		✓
Kcj		JP 6119668	28/04/1994	Japan	1	1		✓
Kcj		JP 6012715	21/01/1994	Japan	1	1		✓
Kcj		JP 6187683	08/07/1994	Japan	1	1		✓

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

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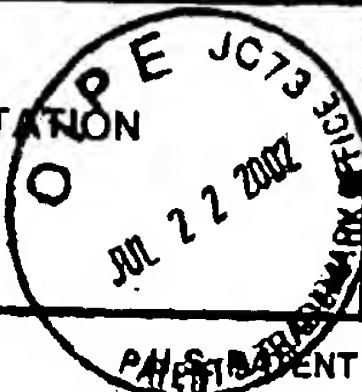
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EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
KCJ	36	5,391,522	02/21/95	Goto, et al. (Abstract)	—	—	
	37	5,366,542	11/22/94	Yamada, et al. (Abstract)	—	—	
	38	5,234,717	08/10/93	Matsuno, et al. (Abstract)	—	—	
	39	5,226,955	07/13/93	Owaki, et al. (Abstract)	—	—	
	40	5,209,837	05/11/93	Tsuya, et al. (Abstract)	—	—	
	41	5,166,014	11/24/92	Ledieu (Abstract)	—	—	
	42	5,137,617	08/11/92	Helfet, et al. (Abstract)	—	—	
	43	5,131,977	07/21/92	Morizane, et al. (Abstract)	—	—	
	44	5,128,922	07/07/92	Inui, et al. (Abstract)	—	—	
✓	45	5,108,781	04/28/92	Ranjan, et al. (Abstract)	—	—	
KCJ	46	5,091,225	02/25/92	Goto (Abstract)	—	—	

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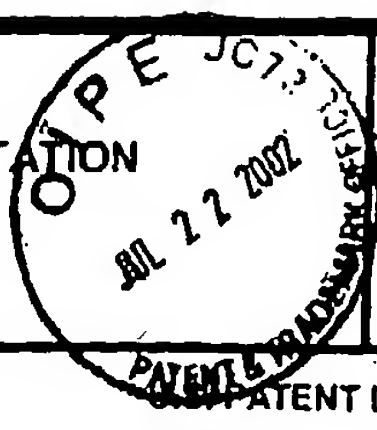
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
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KCJ		WO 00/00868	06/01/00	International	—	—	✓	
KCJ		WO 00/21689	20/04/00	International	—	—	✓	
KCJ		WO 87/06385	22/10/87	International	—	—	✓	

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

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Kcj	47	5,087,481	02/11/92	Chen, et al. (Abstract)	—	—	
	48	5,084,355	01/28/92	Takahashi, et al. (Abstract)	—	—	
	49	5,082,728	01/21/92	Miyake, et al. (Abstract)	—	—	
	50	5,074,971	12/24/91	Tsuya, et al. (Abstract)	—	—	
	51	5,047,274	09/10/91	Tsuya, et al. (Abstract)	—	—	
	52	4,996,622	02/26/91	Takatsuki, et al. (Abstract)	—	—	
	53	4,985,306	01/15/91	Morizane, et al. (Abstract)	—	—	
	54	4,971,932	11/20/90	Alpha, et al. (Abstract)	—	—	
	55	4,956,015	09/11/90	Okajima, et al. (Abstract)	—	—	
↓	56	4,953,385	09/04/90	Aoki, et al. (Abstract)	—	—	
Kcj	57	4,931,147	06/05/90	Legierse, et al. (Abstract)	—	—	

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FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
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OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

EXAMINER

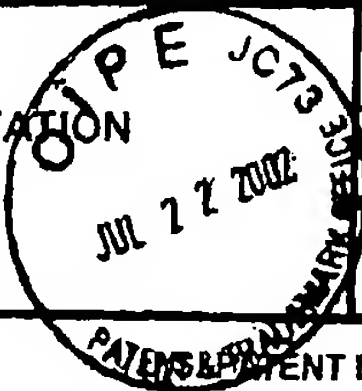
Kirsten Golley

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U.S. PATENT DOCUMENTS

*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
Kcj	58	4,925,738	05/15/90	Tsuya, et al. (Abstract)	—	—	
	59	4,920,441	04/24/90	Kimura, et al. (Abstract)	—	—	
	60	4,876,117	10/24/89	Bornstein (Abstract)	—	—	
	61	4,839,244	06/13/89	Tsukamoto (Abstract)	—	—	
	62	4,835,909	06/06/89	Richter, et al. (Abstract)	—	—	
	63	4,825,680	05/02/89	Coe, et al. (Abstract)	—	—	
	64	4,808,455	02/28/89	Wada, et al. (Abstract)	—	—	
	65	4,775,608	10/04/88	Baum, et al. (Abstract)	—	—	
	66	4,737,877	04/12/88	Krongelb, et al. (Abstract)	—	—	
✓	67	4,719,171	01/12/88	Ikenaga, et al. (Abstract)	—	—	
Kcj	68	4,709,361	11/24/87	Dahlstrom, et al. (Abstract)	—	—	

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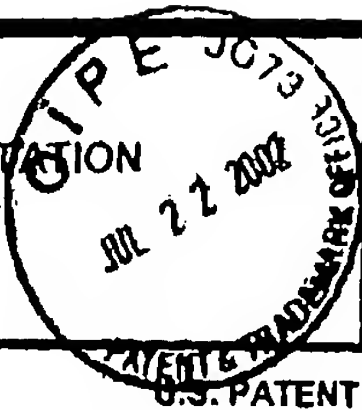
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U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
Ycj	69	4,708,919	11/24/87	Shimkunas, et al. (Abstract)	—	1	
	70	4,705,566	11/10/87	Senda, et al. (Abstract)	—	1	
	71	4,698,716	10/06/87	Lazzari (Abstract)	—	1	
	72	4,690,846	09/01/87	Wada, et al. (Abstract)	—	1	
	73	4,678,547	07/07/87	Miyamoto, et al. (Abstract)	—	1	
	74	4,659,605	04/21/87	Malik, et al. (Abstract)	—	1	
	75	4,619,804	10/28/86	Leonard, et al. (Abstract)	—	1	
	76	4,590,493	05/20/86	Inoue, et al. (Abstract)	—	1	
	77	4,554,655	11/19/85	Kumasaka, et al. (Abstract)	—	1	
✓	78	4,552,820	11/12/85	Lin, et al. (Abstract)	—	1	
Ycj	79	4,430,387	02/07/84	Nakagawa, et al. (Abstract)	—	1	

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		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO

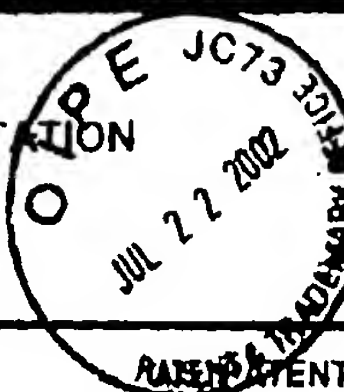
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

EXAMINER *Kirsten Golley*

DATE CONSIDERED *11/1/04*

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APRIL 18, 2002

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PATENT DOCUMENTS

*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
KCJ	80	4,419,704	12/06/83	Radman, et al. (Abstract)	1	1	
	81	4,404,238	09/13/83	Baldwin (Abstract)	1	1	
	82	4,402,798	09/06/83	Gorog, et al. (Abstract)	1	1	
	83	4,329,697	05/11/82	Bell (Abstract)	1	1	
	84	4,305,081	12/08/81	Spong (Abstract)	1	1	
	85	4,222,070	09/09/80	Howe, et al. (Abstract)	1	1	
V	86	4,206,256	06/03/80	Matthies, et al. (Abstract)	1	1	
KCJ	87	4,057,831	11/08/77	Jacobs, et al. (Abstract)	1	1	

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FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
KCJ		CA 2259483	08/01/1998	Canada (Abstract)			✓	
KCJ		CA 1323697	26/10/1993	Canada (Abstract)			✓	

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

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Applicant(s)	
Filing Date	Group Art Unit

*EXAMINER INITIAL	OTHER DOCUMENTS (Including Prior Art, Title, Date, Pertinent Pages, Etc.)
KCJ	"Direct nanoimprint of submicron organic light-emitting structures", J. Wang, et al., Appl. Phys. Lett., Volume 75, No. 18, 1 November 1999, 3 pages
KCJ	"Lithographically induced self-construction of polymer microstructures for resistless patterning", S. Chou, et al., Applied Physics Letters, Volume 75, Number 7, 16 August 1999, 3 pages
KCJ	"Patterned media: Giant Step in Magnetic Storage?", Data Storage, May 1999, 7 pages
KCJ	"Magnetic Recording: the next 100 years", Data Storage, January 1999, 10 pages
KCJ	"Patterned Media: 200 Gb/in ² or bust", Data Storage, September 1998, 10 pages
KCJ	"Nano-compact disks with 400 Gbit/in ² storage density fabricated using nanoimprint lithography and read with proximal probe", P. Krauss, et al., Applied Physics Letters, Volume 71, No. 21, 24 November 1997, 3 pages
KCJ	"Patterned Media Promise Superhigh Storage Densities", Data Storage, September 1997, 10 pages
KCJ	"Nanoimprint Lithography", J. Vac. Sci. Technology B, Volume 14, No. 6, Nov/Dec 1996, 5 pages
KCJ	"Imprint of sub-25 nm vias and trenches in polymers", S. Chou, et al., Applied Physics Letters, Volume 67, No. 21, 20 November 1995, 3 pages
KCJ	"Characterizations of Magnetizing Process for Pre Embossed servo Pattern of Plastic Hard Disks", S. Tanaka, et al., IEEE Transactions on Magnetics, Volume 30, No. 6, November 1994, 3 pages
KCJ	"Use of High Performance Resins for the Planarization of Magnetic Rigid Disk Substrates", D.J. Perettie, et al., IEEE Transactions on Magnetics, Volume 27, No. 6, November 1991, 3 pages
KCJ	"Recording Characters of Submicron Discrete Magnetic Tracks", S. Lambert, et al., IEEE Transactions on Magnetics, pp. 3690-3692

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Electronic Information Disclosure Statement

Spin Coated Media

Application: 
10/063398

Confirmation: 7869

Applicant(s): John Reitz

Docket
Number: RD29180-2

Group Art

Unit:





Examiner:

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US Patent Documents

Note: Applicant is not required to submit a paper copy of cited US Patent Documents

init	Citation No.	Patent Number	Date	Bar Code	Patentee	Class	Subclass
	P01	Re34506	1994-01-11		Dobbin, et al.	369	58
	P02	Re36806	2000-08-01		Landin, et al.	428	64.1
	P03	3198657	1965-08-03		Kimball, et al.		
	P04	4020278	1977-04-26		Carre, et al.	358	128

P05	4211617	1980-07-08		Hunyar	204	5
P06	4243317	1981-01-06		Garbe, et al.	355	91
P07	4267212	1981-05-12		Sakawaki	427	240
P08	4363844	1982-12-14		Lewis, et al.	428	65
P09	4415942	1983-11-15		Frosch, et al.	360	135
P10	4441179	1984-04-03		Slaten	369	275
P11	4451507	1984-05-29		Beltz, et al.	427	240
P12	4457259	1984-07-03		Samuels	118	705
P13	4492718	1985-01-08		Mayer, et al.	427	160
P14	4503420	1985-03-05		Rub, et al.	340	347
P15	4514583	1985-04-30		Izu, et al.	136	259
P16	4515828	1985-05-07		Economy, et al.	427	82
P17	4569871	1986-02-11		Ohmori, et al.	428	64
P18	4584259	1986-04-22		Mayer, et al.	430	273
P19	4592939	1986-06-03		Temple, et al.	428	64
P20	4596739	1986-06-24		Piltingsrud, et al.	428	315.9
P21	4596740	1986-06-24		Tsukane	428	336
P22	4622284	1986-11-11		West, et al.	430	290
P23	4658392	1987-04-14		Langowski, et al.	369	288

P24	4659407	1987-04-21		Lacotte, et al.	156	196
P25	4673602	1987-06-16		Nakayama, et al.	428	65
P26	4719171	1988-01-12		Ikenaga, et al.	430	271
P27	4726998	1988-02-23		Ikenaga, et al.	428	480
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P29	4741689	1988-05-03		Onizawa, et al.	425	542
P30	4809110	1989-02-28		Hertrich	360	122
P31	4810527	1989-03-07		Geary, Jr., et al.	427	54.1
P32	4831244	1989-05-16		Slafer, et al.	235	487
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P34	4845142	1989-07-04		Niwano, et al.	524	287
P35	4877666	1989-10-31		Muchnik, et al.	428	64
P36	4885649	1989-12-05		Das	360	113
P37	4893910	1990-01-16		Birecki	350	377
P38	4902746	1990-02-20		Serini, et al.	525	148
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Kirsten Colley	11/1/04

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Spin Coated Media

Application: 
10/063398

Confirmation: 7869

Applicant(s): John Reitz

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Number: RD29180-2

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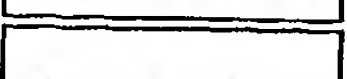


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	P04	5059473	1991-10-22		Takahashi, et al.	428	162
	P05	5068065	1991-11-26		Maus, et al.	264	1.3
					Nishizawa, et		

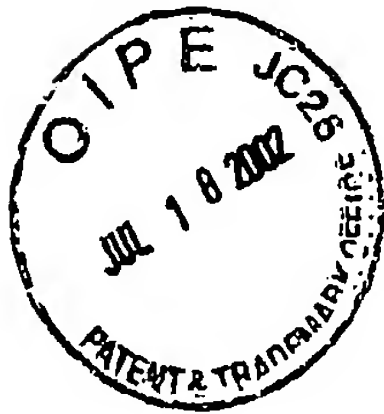
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P11	5094925	1992-03-10		Ise, et al.	428	694
P12	5096563	1992-03-17		Yoshizawa, et al.	205	68
P13	5097370	1992-03-17		Hsia	360	103
P14	5100741	1992-03-31		Shimoda, et al.	428	694
P15	5106553	1992-04-21		Onisawa, et al.	264	106
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P17	5112662	1992-05-12		Ng	428	64
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P23	5143797	1992-09-01		Hashima, et al.	428	694
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Signature

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Kirsten Cjolley	11/1/04

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Spin Coated Media

Application: 
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P18	5689480	1997-11-18		Kino	369	14
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Examiner Name	Date
Kirsten Golley	11/1/04

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Spin Coated Media

Application:



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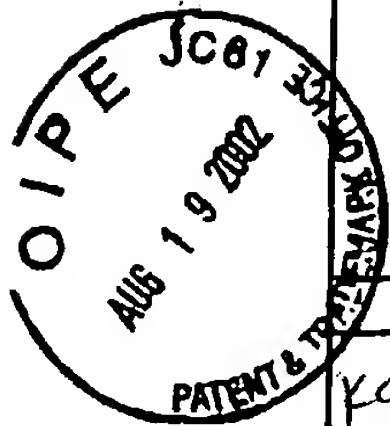
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Examiner Name	Date
Kirsten Colley	11/1/04



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INFORMATION DISCLOSURE STATEMENT BY APPLICANT <u>LIST OF ITEMS</u> (Use several sheets if necessary)		Name of Applicant Reitz, et al.	
		Filing Date April 18, 2002	Group 1762
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